

Internal Letter**Rockwell International**WS-LT-00023
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No

TO

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FROM

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SUBJECT DISPOSITION OF ROOM 141, BUILDING 771

000024621

In response to several Directors' questions about removal of the dirt under the floor of Room 141 in Building 771.

The recommendations in the study are to sample the pieces of concrete floor as it is removed to determine how much to remove. If the contamination penetrates only three or four inches, then removal is to stop at that point and a new concrete floor poured on top of the existing floor.

If contamination continues throughout the concrete, the entire floor is to be removed.

As far as the soil under the floor is concerned, soil will only be removed if it is feasible to do so for very small spots. Soil samples are to be taken and if found to be contaminated, to document as well as possible the extent of any contamination and then a new floor will be poured.

The documentation will be useful for the Closure Plan and for future cleanup under RCRA and CERCLA.

The monitoring wells are not a very good method to determine if the ground under Room 141 is contaminated. To start with, the wells being monitored are a considerable distance from Building 771. At the estimated ground water flow rate of nine feet per year in this area, it could be many, many years before contamination is detected in the wells.

It is suggested in the clean-up plan that the sump in the elevator shaft adjacent to Room 141 be sampled and that a horizontal core sample of the soil under Room 141 be taken from the elevator shaft also. If contamination is found in the sump or soil core this will not identify Room 141 as the exact source of the contamination. If contamination is not found in the samples, it means one of two things, either it is not contaminated or that samples taken were in the wrong place.

ADMIN RECORD

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G L Potter
Page 2
February 27, 1987

The cost figures in the clean-up plan are based on complete removal of the concrete floor because of potential migrating into the soil of any contamination if it is allowed to remain.

I hope this answers the questions of concern. If there are others, please contact me.



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cc:
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